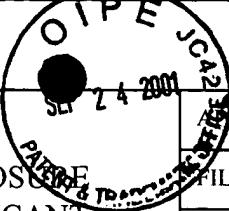


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**



Sheet 1 of 9

APPLICATION NO.: 09/878,792

ATTY. DOCKET NO.: I0248/7016

FILING DATE: June 11, 2001

APPLICANT: WALLNER et al.

GROUP ART UNIT: 1600

EXAMINER: Not yet assigned

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
JR	A1*	4,318,904		Shaw et al.	03/09/1982
JR	A2*	4,443,609		Oude Alink et al.	04/17/1984
JR	A3*	4,499,082		Shenvi et al.	02/12/1985
JR	A4*	4,582,821		Kettner et al.	04/15/1986
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JR	A9*	4,963,655		Kinder et al.	10/16/1990
JR	A10*	5,093,477		Mölling et al.	03/03/1992

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		Office/Country	Number	Kind Code			
JR	B1*	DD	158109		Fischer et al.	12/29/1982	X
JR	B2*	DD	270382	A1	Neubert et al.	07/26/1989	X
JR	B3*	DD	296075	A5	Neubert et al.	11/21/1991	X
JR	B4*	EP	0356223	A2	Desolms et al.	02/28/1990	
JR	B5*	EP	0371467	A2	Kleemann et al.	06/06/1990	X
JR	B6*	EP	0420913	B1	Zimmerman et al.	11/15/1995	
JR	B7*	EP	0471651	A2	Metternich	02/19/1992	
JR	B8*	EP	0481311	A2	Dorsch, et al.	04/22/1992	X

OTHER ART - NON PATENT LITERATURE DOCUMENTS

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JR	C1*	Colowick, S., et al., "METHODS IN ENZYMOLOGY", Pp.- 220-225. Vol. XLVI (not dated)	
JR	C2*	Cordes, E., et al., "TRANSITION STATES FOR HYDROLYSIS OF ACETALS, KETALS GLYCOSIDES, AND GLYCOSYLAMINES", Chapter 11, Pp. 429-465 (not dated)	
JR	C3*	Thompson, R., "USE OF PEPTIDE ALDEHYDES TO GENERATE TRANSITION-STATE ANALOGS OF ELASTASE", <i>Biochemistry</i> , (1973), 12:1:47-51	
JR	C4*	Baugh, R., et al., "PROTEINASES AND TUMOR INVASION", (1980), 165:157-179	
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U.S. PATENT DOCUMENTS

EXAMINER	DATE CONSIDERED
Jeffrey E. Russell	February 7, 2003

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SEP 24 2001

APPLICATION NO.: 09/878,792

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

FILING DATE: June 11, 2001

APPLICANT: WALLNER et al.

GROUP ART UNIT: 1600

EXAMINER: Not yet assigned

Sheet 2 of 9

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		Number	Kind Code		
JR	A11*	5,187,157		Kettner et al.	02/16/1993 514/18
JR	A12*	5,215,926		Etchells, III et al.	06/01/1993 436/501
JR	A13*	5,242,904		Kettner et al.	09/07/1993 514/18
JR	A14*	5,250,720		Kettner et al.	10/05/1993 558/288
JR	A15*	5,288,707		Metternich	02/22/1994 514/19
JR	A16*	5,296,604		Hanko et al.	03/22/1994 546/169

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		Office/Country	Number	Kind Code			
JR	B9*	EP	0615978	A1	de Nanteuil et al.	09/21/1994	
JR	B10*	EP	0688788	A1	de Nanteuil et al.	12/27/1995	
JR	B11*	WO	89/03223		Bachovchin et al.	04/20/1989	
JR	B12*	WO	91/16339		Bachovchin et al.	10/31/1991	
JR	B13*	WO	92/12140		Powers	07/23/1992	
JR	B14*	WO	92/17490		Hester et al.	10/15/1992	
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JR	B16*	WO	93/05011		Cottens et al.	03/18/1993	
JR	B17*	WO	93/08259		Bachovchin et al.	04/29/1993	
JR	B18*	WO	93/10127		Snow et al.	05/27/1993	

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JR	C6*	Bodanszky, M., "THE PRACTICE OF PEPTIDE SYNTHESIS", Springer-Verlag, (1984), Volume 21	
JR	C7*	Matteson, D., et al., "SYNTHESIS AND PROPERTIES OF PINANEDIOL -AM IDO BORONIC ESTERS" <i>Organometallics</i> , (1984), 3:1284-1288.	
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JR	C9*	Yoshimoto, T., et al., "COMPARISON OF INHIBITORY EFFECTS OF PROLINAL-CONTAINING PEPTIDE DERIVATES ON PROLYL ...", (1985), 98:975-979	
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EXAMINER

Jeffrey E. Russell

DATE CONSIDERED

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SEP 24 2001

INFORMATION DISCLOSURE
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APPLICATION NO.: 09/878,792

ATTY. DOCKET NO.: 10248/7016

FILING DATE: June 11, 2001

APPLICANT: WALLNER et al.

GROUP ART UNIT: 1600

EXAMINER: Not yet assigned

Sheet 3 of 9

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		Number	Kind Code		
JRL	A17*	5,378,624		Berenson et al.	01/03/1995 435/237
JRL	A18*	5,384,410		Kettner et al.	01/24/1995 548/405
JRL	A19*	5,444,049		de Nanteuil et al.	08/22/1995 514/18
JRL	A20*	5,462,928		Bachovchin et al.	10/31/1995 514/119
JRL	A21*	5,506,130		Peterson et al.	04/09/1996 435/240.1
JRL	A22*	5,527,923		Klingler et al.	06/18/1996 548/570

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JRL	B19*	WO	93/16102		Morimoto et al.	08/19/1993	
JRL	B20*	WO	94/03055		Takacs, et al.	02/17/1994	
JRL	B21*	WO	94/09132		Morimoto et al.	04/28/1994	
JRL	B22*	WO	94/20526		Cook et al.	09/15/1994	
JRL	B23*	WO	94/28915		Hovanessian et al.	12/22/1994	
JRL	B24*	WO	94/29335		Antonsson, et al.	12/22/1994	
JRL	B25*	WO	95/11689		Bachovchin	05/04/1995	
JRL	B26*	WO	95/15309		Jenkins et al.	06/08/1995	
JRL	B27*	WO	95/12618		De Meester et al.	05/11/1995	

OTHER ART - NON PATENT LITERATURE DOCUMENTS

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JRL	C11*	Tam, J.P., "SYNTHETIC PEPTIDE VACCINE DESIGN: SYNTHESIS AND PROPERTIES OF A HIGH-DENSITY MULTIPLE ANTIGENIC PEPTIDE SYSTEM", <i>Proc Natl Acad Sci U S A</i> , (1988), 85:5409-5413.	
JRL	C12*	Bailey, P.D., "AN INTRODUCTION TO PEPTIDE CHEMISTRY", <i>Wiley Publishers</i> , (1990), 1-81	
JRL	C13*	Kettner, C.A. and Shenvi, A.B., "PEPTIDE BORONIC ACID INHIBITORS OF TRYPSIN-LIKE PROTEASES, THEIR PREPARATION AND USE AS ANTICOAGULANTS AND INFLAMMATION INHIBITORS", <i>Chemical ABSTRACT ONLYs</i> , (1990), 112:80 (91790c).	
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JRL	C15*	Kinder D.H., et al., "ANALOGUES OF CARBAMYL ASPARTATE AS INHIBITORS OF DIHYDROOROTASE: PREPARATION OF BORONIC ACID TRANSITION-STATE ANALOGUES AND A ZINC CHELATOR CARBAMYLHOMOCYSTEINE", <i>J Med Chem</i> , (1990), 33:819-823.	

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SEP 24 2001

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U.S. PATENT AND TRADEMARK OFFICE

APPLICATION NO.: 09/878,792

ATTY. DOCKET NO.: I0248/7016

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

FILING DATE: June 11, 2001

APPLICANT: WALLNER et al.

GROUP ART UNIT: 1600

EXAMINER: Not yet assigned

Sheet 4 of 9

U.S. PATENT DOCUMENTS

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		Number	Kind Code		
JRL	A23*	5,543,396		Powers et al.	08/06/1996 514/19
JRL	A24*	5,554,728		Basava et al.	09/10/1996 530/327
JRL	A25*	5,635,386		Palsson et al.	06/03/1997 435/372
JRL	A26*	5,635,387		Fei et al.	06/03/1997 435/378
JRL	A27*	5,646,043		Emerson et al.	07/08/1997 435/373
JRL	A28*	5,329,028		Ashkenzi et al.	07/12/1994 548/548
JRL	A29	6,258,597	B1	Bachovchin et al.	07/10/2001 435/325

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JRL	B28*	WO	95/29190		Hovanessian et al.	11/02/1995	
JRL	B29*	WO	95/34538		Augustyns et al.	12/21/1995	
JRL	B30*	WO	96/40858		Armstrong et al.	12/19/1996	
JRL	B31*	WO	96/40263		Berninger et al.	12/19/1996	
JRL	B32*	WO	94/25873		Hall et al.	11/10/1994	
JRL	B33*	WO	95/29691		Powers et al.	11/09/1995	
JRL	B34*	WO	91/17767		Bachovchin et al.	11/28/1991	
JRL	B35*	WO	98/00439		Trustees of Tufts College	01/08/1998	
JRL	B36*	WO	98/50046		Trustees of Tufts College	11/12/1998	
JRL	B37*	WO	98/50066		Trustees of Tufts College	11/12/1998	
JRL	B38*	WO	99/16864		Point Therapeutics, Inc.	04/08/1999	

OTHER ART - NON PATENT LITERATURE DOCUMENTS

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JRL	C16*	Flentke, G.R., et al., "INHIBITION OF DIPEPTIDYL AMINOPEPTIDASE IV (DP-IV) BY XAA-BOROPRO DIPEPTIDES AND USE OF THESE INHIBITORS TO EXAMINE THE ROLE OF DP-IV IN T-CELL FUNCTION", <i>Proc Natl Acad Sci U S A</i> , (1991), 88:1556-1559.	
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JRL	C18*	Kubota, T., et al., "INVOLVEMENT OF DIPEPTIDYL PEPTIDASE IV IN AN IN VIVO IMMUNE RESPONSE", <i>Clin Exp Immunol</i> , (1992), 89:192-197.	

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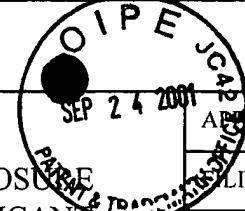
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GROUP ART UNIT: 1600

EXAMINER: Not yet assigned

Sheet 5 of 9

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Gutheil, W.G., et al., "SEPARATION OF L-PRO-DL-BOROPRO INTO ITS COMPONENT DIASTÈREOMERS AND KINETIC ANALYSIS OF THEIR INHIBITION OF DIPEPTIDYL PEPTIDASE IV. A NEW METHOD FOR THE ANALYSIS OF SLOW, TIGHT-BINDING INHIBITION", *Biochemistry*, (1993), 32:8723-8731.

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	C20*	Kelly, T.A., et al., "IMMUNOSUPPRESSIVE BORONIC ACID DIPEPTIDES: CORRELATION BETWEEN CONFORMATION AND ACTIVITY", <i>J Am Chem Soc</i> , (1993), 115:12637-12638.	
	C21*	Songyang, Z., et al., "SH2 DOMAINS RECOGNIZE SPECIFIC PHOSPHOPEPTIDE SEQUENCES", <i>Cell</i> , (1993), 72:767-778.	
	C22*	Subramanyam, M., et al., "MECHANISM OF HIV-1 TAT INDUCED INHIBITION OF ANTIGEN-SPECIFIC T CELL RESPONSIVENESS", <i>J Immunol</i> , (1993), 150:2544-2553.	
	C23*	Demuth, H.U., et al., "DESIGN OF (OMEGA-N-(O-ACYL)HYDROXY AMID) AMINODICARBOXYLIC ACID PYRROLIDIDES AS POTENT INHIBITORS OF PROLINE-SPECIFIC PEPTIDASES", <i>FEBS Lett</i> , (1993), 320:23-27.	
	C24*	Janeway, C., et al., "IMMUNOBIOLOGY - THE IMMUNE SYSTEM IN HEALTH AND DISEASE", <i>Current Biology LTD</i> , (1994), Chapter 12, pp 1-35	
	C25*	Brady, L., and Dodson, G., "REFLECTIONS ON A PEPTIDE", <i>Nature</i> , (1994), 368:692-693.	
	C26*	Nicola, N., et al., "GUIDEBOOK TO CYTOKINES AND THEIR RECEPTORS", <i>Sambrook and Tooze Publication</i> , (1994), Pp. 1-257	
	C27*	Perspore Biotech Company, "MOLECULAR BIOLOGY CATALOG", (1994)	
	C28*	Jameson, B.A., et al., "A RATIONALLY DESIGNED CD4 ANALOGUE INHIBITS EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS", <i>Nature</i> , (1994), 368:744-746 - ABSTRACT ONLY.	
	C29*	Mosmann, T.R., "CYTOKINE PATTERNS DURING THE PROGRESSION TO AIDS", <i>Science</i> , (1994), 265:193-194.	
	C30*	Seed, B., "MAKING AGONISTS OF ANTAGONISTS", <i>Chemistry & Biology</i> , (1994), 1:125-129.	
	C31*	Austin, D.J., et al., "PROXIMITY VERSUS ALLOSTERY, THE ROLE OF REGULATED PROTEIN DIMERIZATION IN BIOLOGY", <i>Chemistry & Biology</i> , (1994), 1:131-136.	
	C32*	Sudmeier, J.L., et al., "SOLUTION STRUCTURES OF ACTIVE AND INACTIVE FORMS OF THE DP IV (CD26) INHIBITOR PRO-BOROPRO DETERMINED BY NMR SPECTROSCOPY", <i>Biochemistry</i> , (1994), 33:12427-12438.	
	C33*	Kubota, T., et al., "DIPEPTIDYL PEPTIDASE IV (DP IV) ACTIVITY IN SERUM AND ON LYMPHOCYTES OF MRL/Mp-lpr/lpr MICE CORRELATES WITH DISEASE ONSET", <i>Clin Exp Immunol</i> , (1994), 96:292-296.	
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	C36*	Subramanyam, M., et al., "CD26, AT-CELL ACCESSORY MOLECULE INDUCTION OF ANTIGEN-SPECIFIC IMMUNE- SUPPRESSION BY INACTIVATION OF CD26: A CLUE TO THE AIDS PARADOX?", in <i>Dipeptidyl Peptidase IV(CD26) in Metabolism and Immune Response</i> , (1995), Ed. B. Fleischer: 155-162.	
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	C38*	Aguila, H.L., et al., "FROM STEM CELLS TO LYMPHOCYTES: BIOLOGY AND TRANSPLANTATION", <i>Immun Rev</i> , (1997), 157:13-40.	
	C39*	Dupont, B., "IMMUNOLOGY OF HEMATOPOIETIC STEM CELL TRANSPLANTATION: A BRIEF REVIEW OF ITS HISTORY", <i>Immun Rev</i> , (1997), 157:5-12.	
	C40*	Bodansky, M., "PEPTIDE CHEMISTRY, A PRACTICAL TEXTBOOK", <i>Springer-Verlag</i> , (1988) 1-9.	
	C41*	Boros, L.G., et al., "FLUOROOLEFIN PEPTIDE ISOSTERES-TOOLS FOR CONTROLLING PEPTIDE CONFORMATIONS", <i>Tetrahedron Letters</i> , (1994), 35:6033-6036.	

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SEP 24 2001

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FILING DATE: June 11, 2001

APPLICANT: WALLNER et al.

GROUP ART UNIT: 1600

EXAMINER: Not yet assigned

Sheet 6 of 9

OTHER ART - NON PATENT LITERATURE DOCUMENTS

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U.S. PATENT AND TRADEMARK OFFICE

FILING DATE: June 11, 2001

APPLICANT: WALLNER et al.

GROUP ART UNIT: 1600

EXAMINER: Not yet assigned

Examiner's Initials	Cite No.	Include name of the article (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
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FILING DATE: June 11, 2001

APPLICANT: WALLNER et al.

GROUP ART UNIT: 1600

EXAMINER: Not yet assigned

PATENT & TRADEMARK OFFICE - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
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JRL	C103*	Watson, J.D., "Continuous Proliferation Of Murine Antigen Specific Helper T Lymphocytes In Culture", <i>J. Of Experimental Medicine</i> 150:1510 (1979). ABSTRACT ONLY.	
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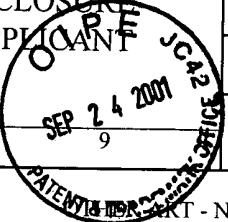
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Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
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JCR	C116*	Subramanyam, W.G., et al., "Mechanism Of HIV-1 Tat Induced Inhibition Of Antigen-Specific T Cell Responsiveness", <i>J. Of Immunol.</i> 150:2544-2553 (1993). ABSTRACT ONLY.	
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